

Ionic (S) $m + nm$	Molecular $nm + nm$
Conducts No effect on test paper	Does NOT conduct No effect on test paper
H^+ (aq) $COOH$ Acid low pH high conductivity pH less than 7	high Conductivity RBB pink colour from phenol. Paper Base pH is larger than 7
$HCl(aq)$ $HClO_3(aq)$ $CH_3COOH(aq)$ B R A $\frac{1}{2}$ or acid	metal (s) + OH $NaOH$ $NH_3(g)$ NH_4- NH_4Cl (s) acid base 0 7 neutral 14

T